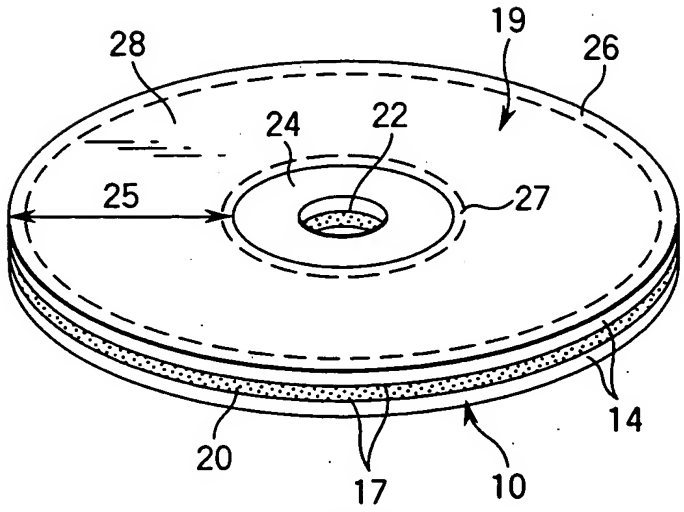

FIG. 1

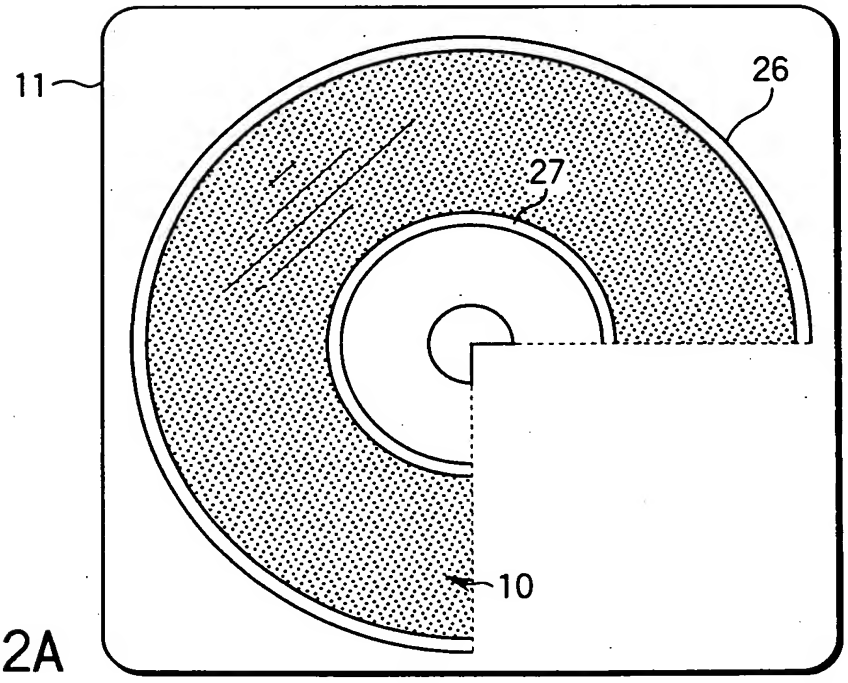

FIG. 2A

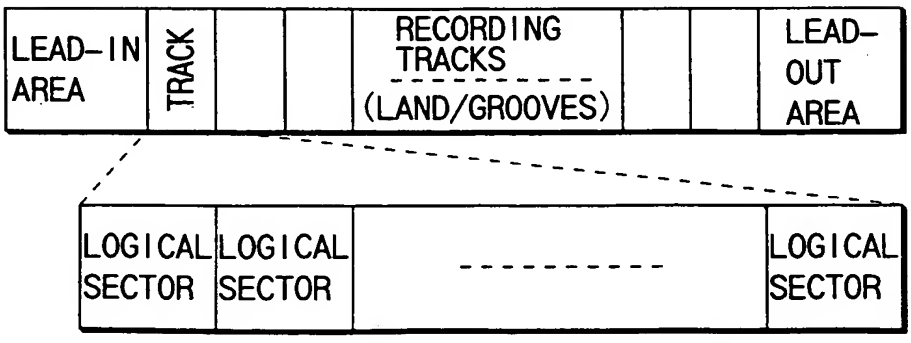

FIG. 2B

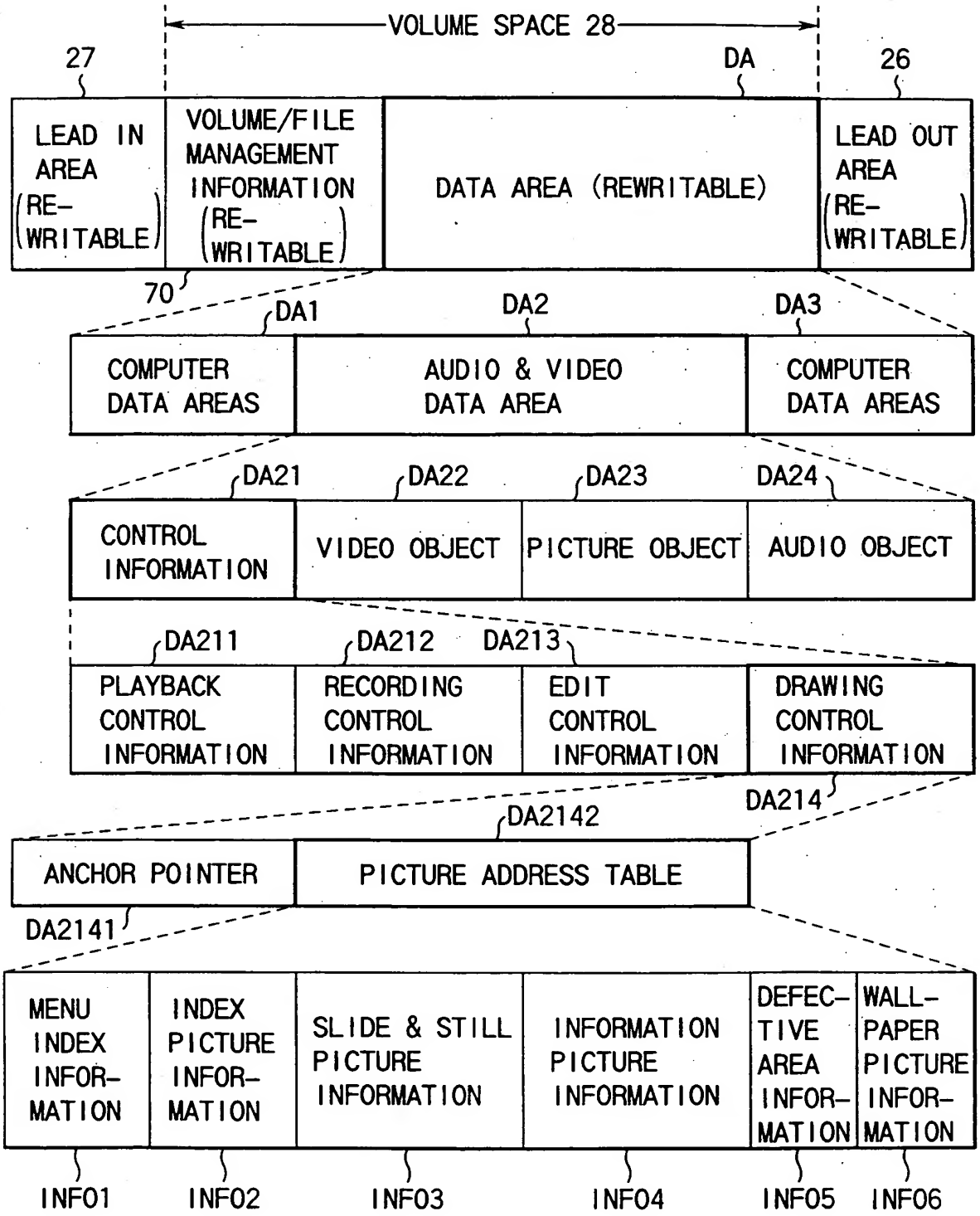
VOLUME SPACE 28
27
DA
26
LEAD IN AREA (RE-WRITABLE)
VOLUME/FILE MANAGEMENT INFORMATION (RE-WRITABLE)
DATA AREA (REWRITABLE)
LEAD OUT AREA (RE-WRITABLE)
70
DA1
DA2
DA3
COMPUTER DATA AREAS
AUDIO & VIDEO DATA AREA
COMPUTER DATA AREAS
DA21
DA22
DA23
DA24
CONTROL INFORMATION
VIDEO OBJECT
PICTURE OBJECT
AUDIO OBJECT
DA211
DA212
DA213
PLAYBACK CONTROL INFORMATION
RECORDING CONTROL INFORMATION
EDIT CONTROL INFORMATION
DRAWING CONTROL INFORMATION
DA214
DA2142
ANCHOR POINTER
PICTURE ADDRESS TABLE
DA2141
MENU INDEX INFOR-MATION
INDEX PICTURE INFOR-MATION
SLIDE & STILL PICTURE INFORMATION
INFORMATION PICTURE INFORMATION
DEFEC-TIVE AREA INFOR-MATION
WALL-PAPER PICTURE INFOR-MATION
INF01
INF02
INF03
INF04
INF05
INF06

FIG. 3

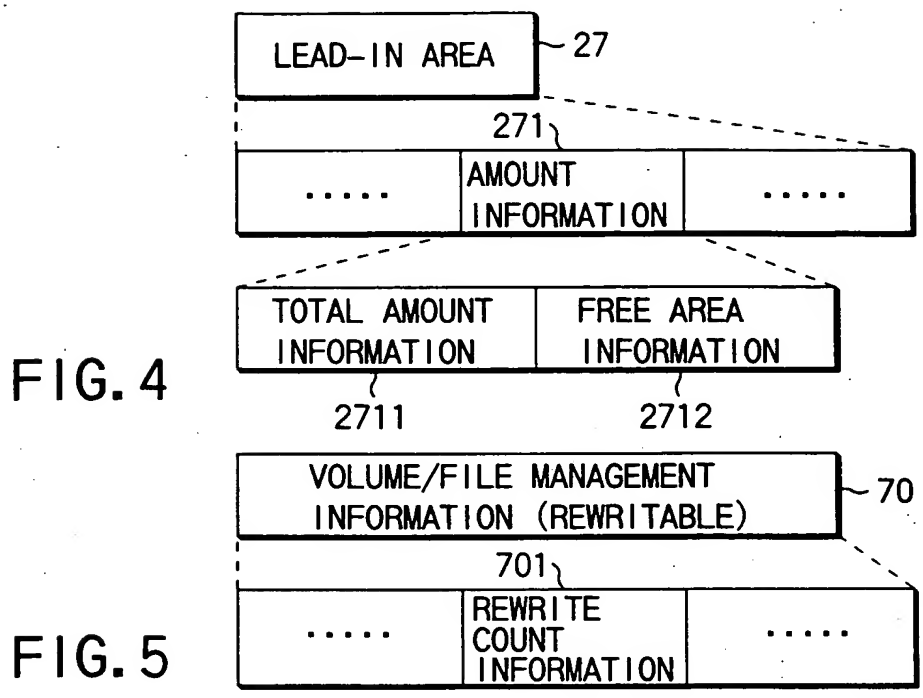

FIG. 4

FIG. 5

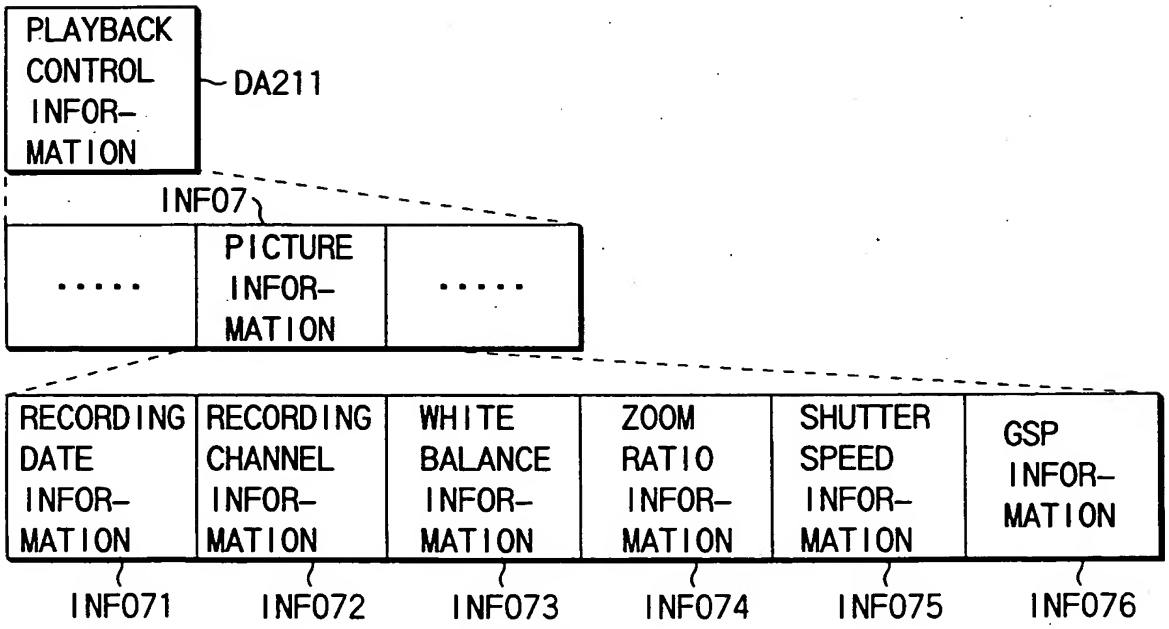

FIG. 6

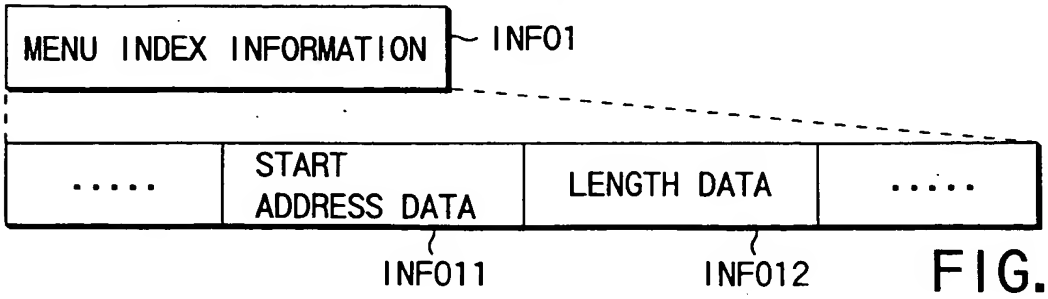

FIG. 7

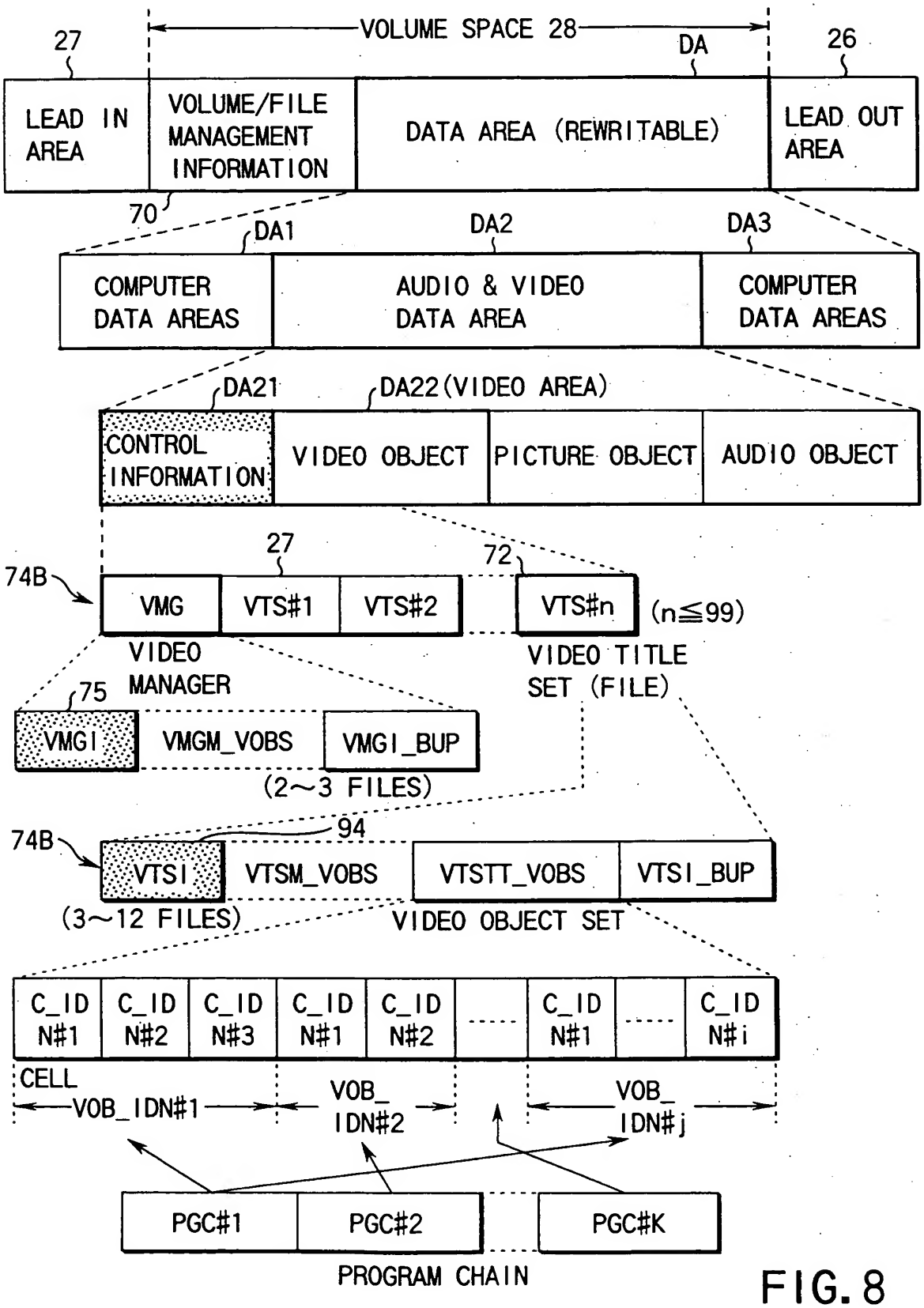
VOLUME SPACE 28
27
DA
26
LEAD IN AREA
VOLUME/FILE MANAGEMENT INFORMATION
DATA AREA (REWRITABLE)
LEAD OUT AREA
70
DA1
DA2
DA3
COMPUTER DATA AREAS
AUDIO & VIDEO DATA AREA
COMPUTER DATA AREAS
DA21
DA22(VIDEO AREA)
CONTROL INFORMATION
VIDEO OBJECT
PICTURE OBJECT
AUDIO OBJECT
27
72
74B
VMG
VTS#1
VTS#2
VTS#n
(n≦99)
VIDEO MANAGER
VIDEO TITLE SET (FILE)
75
VMGI
VMGM_VOBS
VMGI_BUP
(2~3 FILES)
74B
94
VTSI
VTSM_VOBS
VTSTT_VOBS
VTSI_BUP
(3~12 FILES)
VIDEO OBJECT SET
C_ID N#1
C_ID N#2
C_ID N#3
C_ID N#1
C_ID N#2
C_ID N#1
C_ID N#i
CELL
VOB_IDN#1
VOB_IDN#2
VOB_IDN#j
PGC#1
PGC#2
PGC#K
PROGRAM CHAIN

FIG. 8

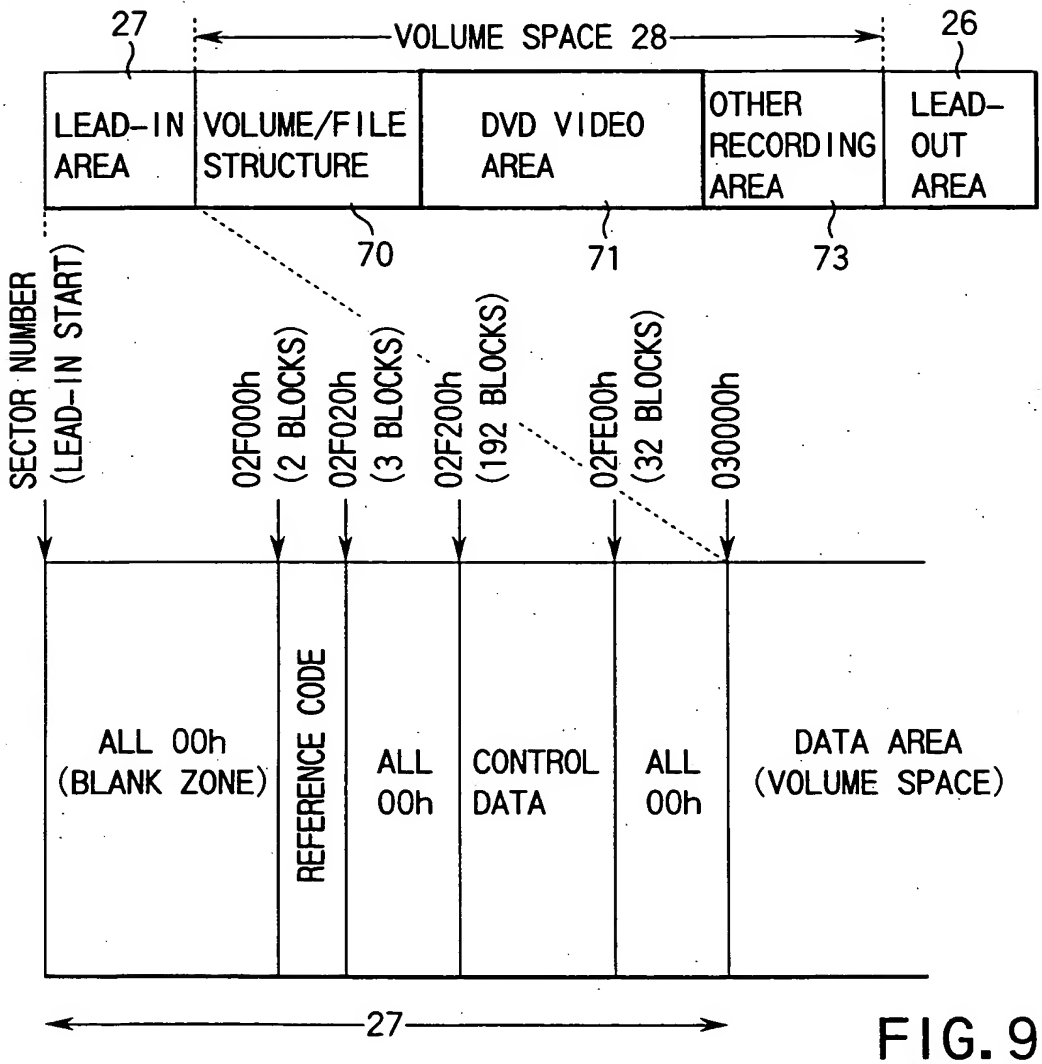
27
VOLUME SPACE 28
26
LEAD-IN AREA
VOLUME/FILE STRUCTURE
DVD VIDEO AREA
OTHER RECORDING AREA
LEAD-OUT AREA
70
71
73
SECTOR NUMBER (LEAD-IN START)
02F000h (2 BLOCKS)
02F020h (3 BLOCKS)
02F200h (192 BLOCKS)
02FE00h (32 BLOCKS)
030000h
ALL 00h (BLANK ZONE)
REFERENCE CODE
ALL 00h
CONTROL DATA
ALL 00h
DATA AREA (VOLUME SPACE)
27

FIG. 9

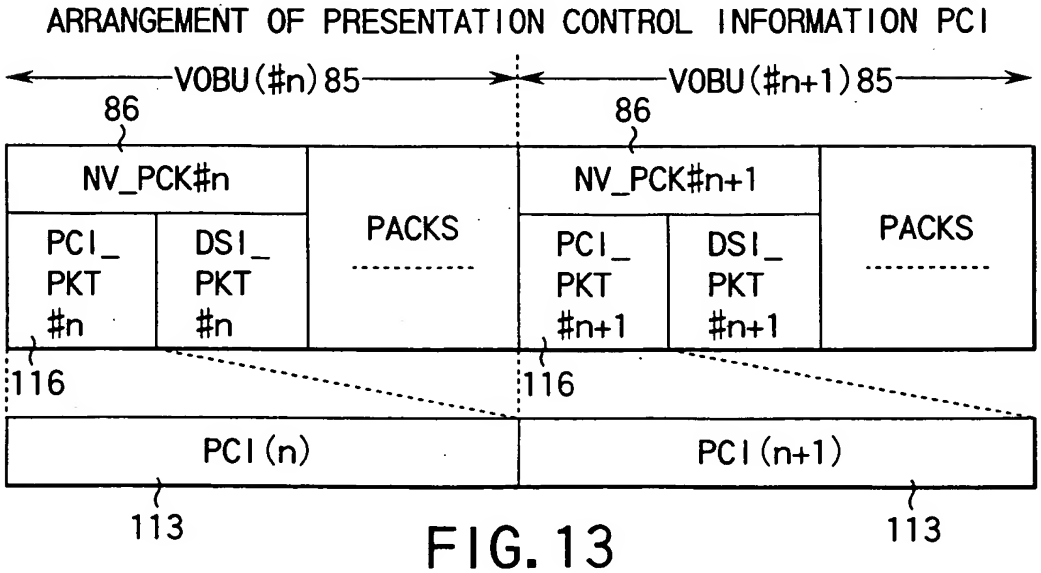
ARRANGEMENT OF PRESENTATION CONTROL INFORMATION PCI
VOBU(#n) 85
VOBU(#n+1) 85
86
86
NV_PCK#n
PCI_PKT #n
DSI_PKT #n
PACKS
NV_PCK#n+1
PCI_PKT #n+1
DSI_PKT #n+1
PACKS
116
116
PCI(n)
PCI(n+1)
113
113

FIG. 13

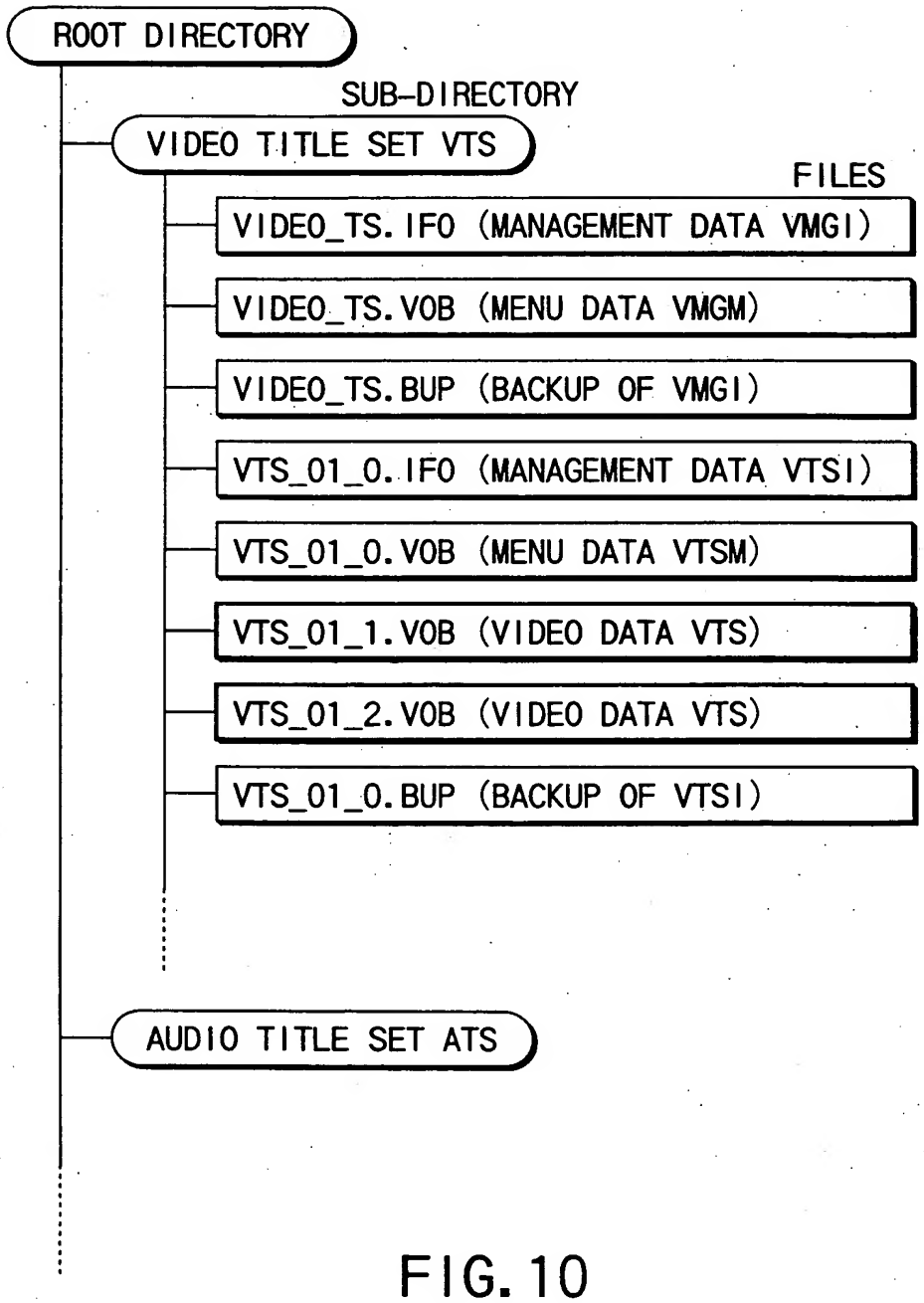
ROOT DIRECTORY
SUB-DIRECTORY
VIDEO TITLE SET VTS
FILES
VIDEO_TS.IFO (MANAGEMENT DATA VMGI)
VIDEO_TS.VOB (MENU DATA VMGM)
VIDEO_TS.BUP (BACKUP OF VMGI)
VTS_01_0.IFO (MANAGEMENT DATA VTSI)
VTS_01_0.VOB (MENU DATA VTSM)
VTS_01_1.VOB (VIDEO DATA VTS)
VTS_01_2.VOB (VIDEO DATA VTS)
VTS_01_0.BUP (BACKUP OF VTSI)
AUDIO TITLE SET ATS

FIG. 10

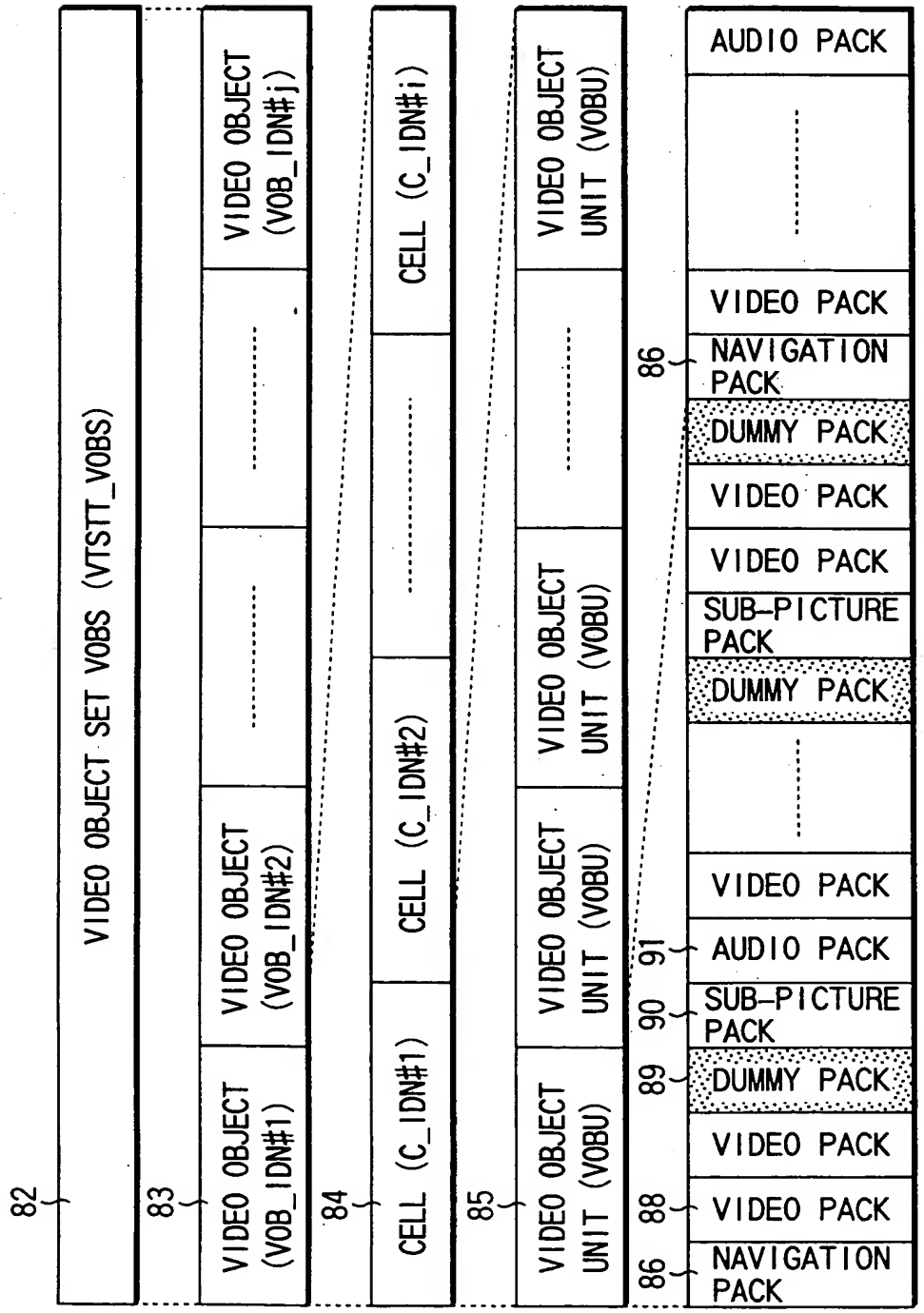
VIDEO OBJECT SET VOBS (VTSTT_VOBS)
82
VIDEO OBJECT (VOB_IDN#1)
VIDEO OBJECT (VOB_IDN#2)
VIDEO OBJECT (VOB_IDN#j)
83
CELL (C_IDN#1)
CELL (C_IDN#2)
CELL (C_IDN#i)
84
VIDEO OBJECT UNIT (VOBU)
VIDEO OBJECT UNIT (VOBU)
VIDEO OBJECT UNIT (VOBU)
85
NAVIGATION PACK
VIDEO PACK
AUDIO PACK
SUB-PICTURE PACK
DUMMY PACK
86
88
89
90
91

FIG. 11

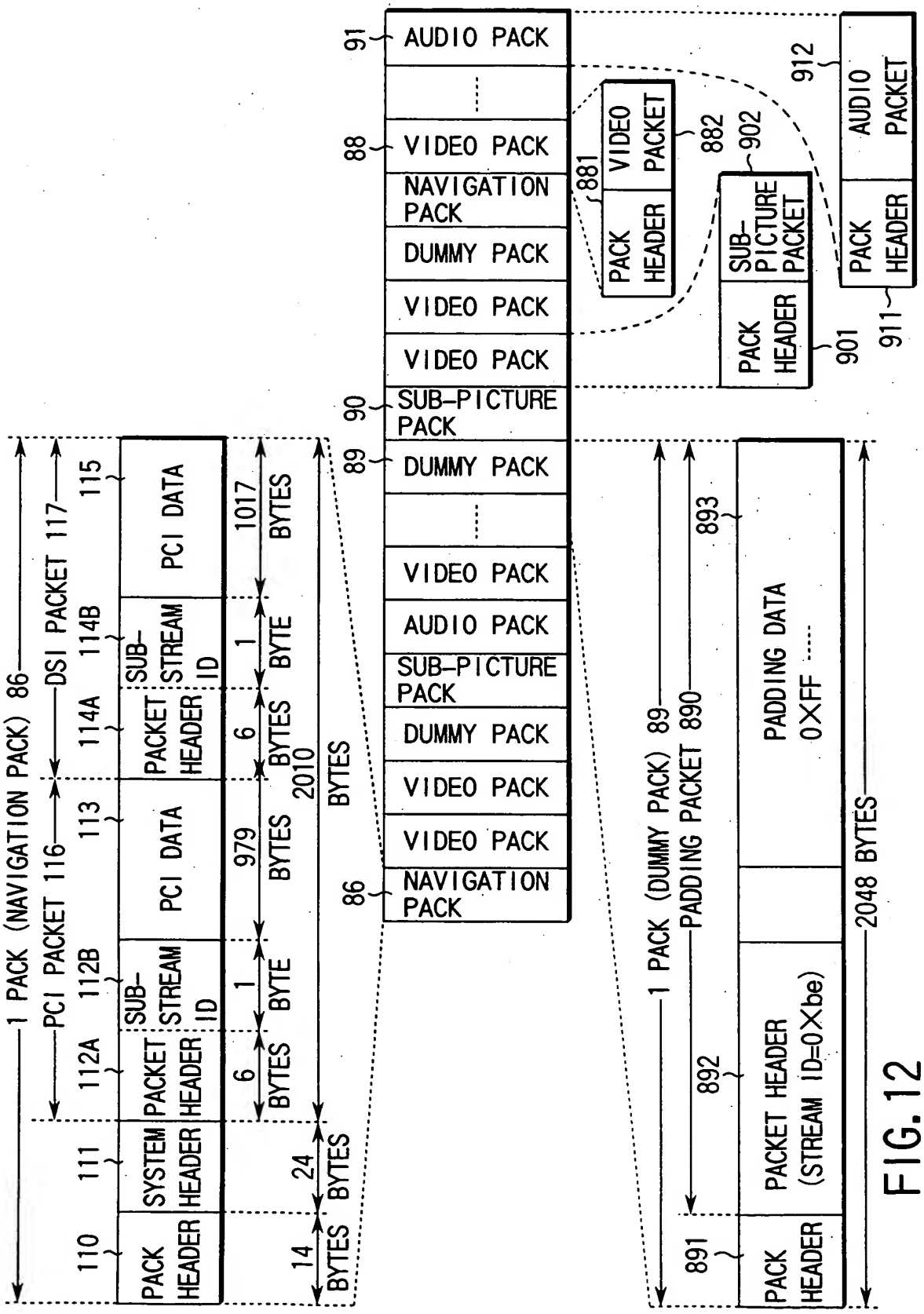
1 PACK (NAVIGATION PACK) 86
PCI PACKET 116
DSI PACKET 117
110 PACK HEADER
14 BYTES
111 SYSTEM HEADER
24 BYTES
112A PACKET HEADER
6 BYTES
112B SUB-STREAM ID
1 BYTE
113 PCI DATA
979 BYTES
114A PACKET HEADER
6 BYTES
114B SUB-STREAM ID
1 BYTE
115 PCI DATA
1017 BYTES
2010 BYTES
91 AUDIO PACK
88 VIDEO PACK
NAVIGATION PACK
DUMMY PACK
VIDEO PACK
VIDEO PACK
90 SUB-PICTURE PACK
89 DUMMY PACK
VIDEO PACK
AUDIO PACK
SUB-PICTURE PACK
DUMMY PACK
VIDEO PACK
VIDEO PACK
86 NAVIGATION PACK
881 PACK HEADER
VIDEO PACKET
882
901 PACK HEADER
902 SUB-PICTURE PACKET
911 PACK HEADER
912 AUDIO PACKET
1 PACK (DUMMY PACK) 89
PADDING PACKET 890
891 PACK HEADER
892 PACKET HEADER (STREAM ID=0Xbe)
893 PADDING DATA 0XFF ....
2048 BYTES

FIG. 12

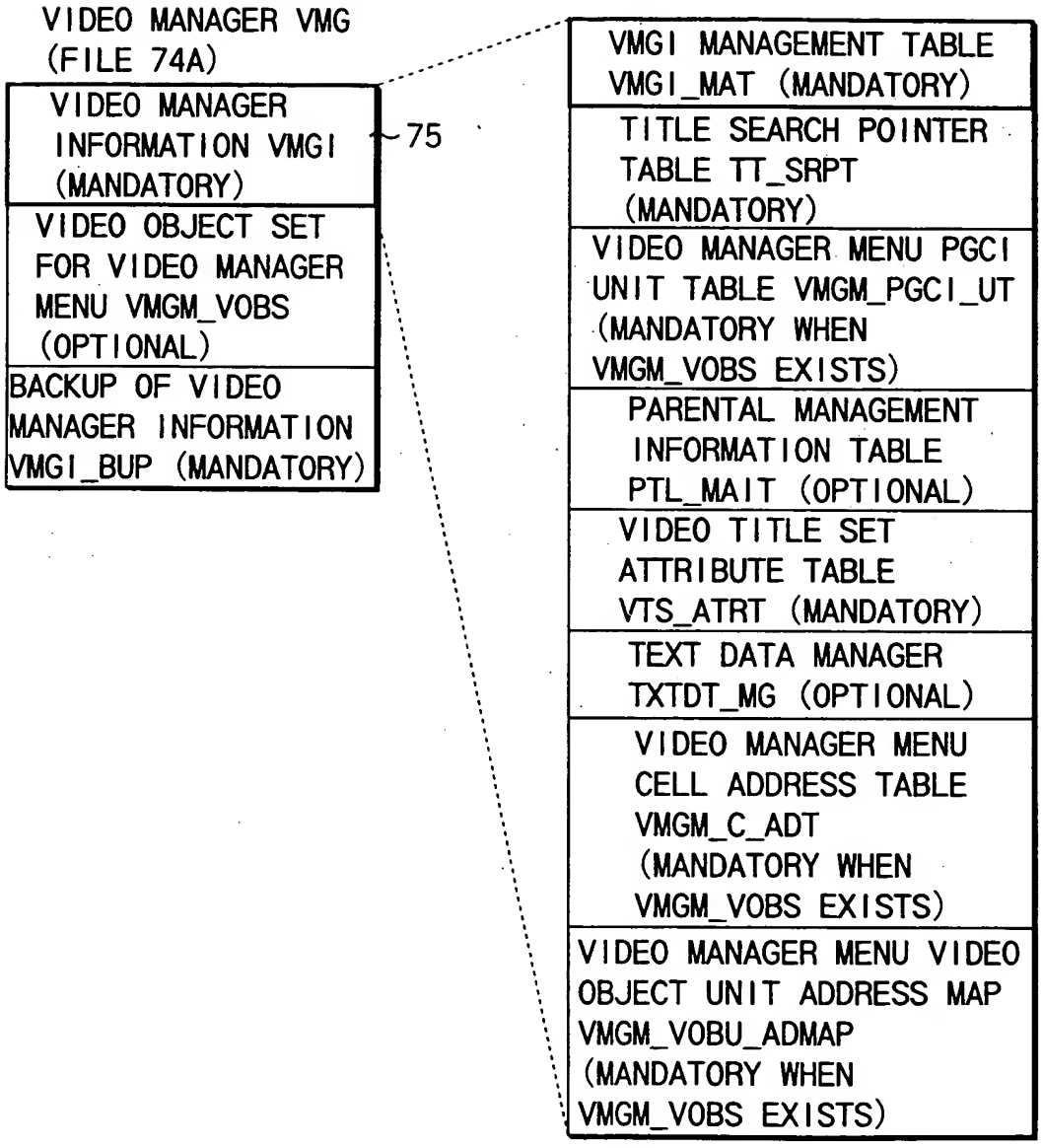
VIDEO MANAGER VMG
(FILE 74A)
VIDEO MANAGER INFORMATION VMGI (MANDATORY)
75
VIDEO OBJECT SET FOR VIDEO MANAGER MENU VMGM_VOBS (OPTIONAL)
BACKUP OF VIDEO MANAGER INFORMATION VMGI_BUP (MANDATORY)
VMGI MANAGEMENT TABLE VMGI_MAT (MANDATORY)
TITLE SEARCH POINTER TABLE TT_SRPT (MANDATORY)
VIDEO MANAGER MENU PGCI UNIT TABLE VMGM_PGCI_UT (MANDATORY WHEN VMGM_VOBS EXISTS)
PARENTAL MANAGEMENT INFORMATION TABLE PTL_MAIT (OPTIONAL)
VIDEO TITLE SET ATTRIBUTE TABLE VTS_ATRT (MANDATORY)
TEXT DATA MANAGER TXTDT_MG (OPTIONAL)
VIDEO MANAGER MENU CELL ADDRESS TABLE VMGM_C_ADT (MANDATORY WHEN VMGM_VOBS EXISTS)
VIDEO MANAGER MENU VIDEO OBJECT UNIT ADDRESS MAP VMGM_VOBU_ADMAP (MANDATORY WHEN VMGM_VOBS EXISTS)

FIG. 14

VIDEO MANAGER INFORMATION MANAGEMENT TABLE VMGI_MAT

RBP	SYMBOL	CONTENTS	NUMBER OF BYTES
0-11	VMG_ID	VMG IDENTIFIER	12
12-15	VMG_EA	END ADDRESS OF VMG	4
16-27	RESERVED	RESERVED	12
28-31	VMGI_EA	END ADDRESS OF VMGI	4
32-33	VERN	VERSION OF DVD SPEC.	2
34-37	VMG_CAT	VIDEO MANAGER CATEGORY	4
38-45	VLMS_ID	VOLUME SET IDENTIFIER	8
46-49	FREE_SPACE	FREE SPACE/FREE AREA	14
50-61	RESERVED	RESERVED	12
62-63	VTS_Ns	NUMBER OF VTS	2
64-95	PVR_ID	PROVIDER UNIQUE ID	32
96-127	RESERVED	RESERVED	32
128-131	VMGI_MAT_EA	VMGI_MAT END ADDRESS	4
132-135	FP_PGCI_SA	FP_PGCI START ADDRESS	4
136-191	RESERVED	RESERVED	56
192-195	VMGM_VOBS_SA	VMGM_VOBS START ADDRESS	4
196-199	TT_SRPT_SA	TT_SRPT START ADDRESS	4
200-203	VMGM_PGCI_UT_SA	VMGM_PGCI_UT START ADDRESS	4
204-207	PTL_MAIT_SA	PTL_MAIT START ADDRESS	4
208-211	VTS_ATRT_SA	VTS_ATRT START ADDRESS	4
212-215	TXTDT_MG_SA	TXTDT MG START ADDRESS	4
216-219	VMGM_C_ADT_SA	VMGM_C_ADT START ADDRESS	4
220-223	VMGM_VOBU_ADMAP_SA	VMGM_VOBU_ADMAP START ADDRESS	4
224-255	RESERVED	RESERVED	32
256-257	VMGM_V_ATR	VIDEO ATTRIBUTE OF VMGM	2
258-259	VMGM_AST_Ns	NUMBER OF AUDIO STREAMS OF VMGM	2
260-267	VMGM_AST-ATR	AUDIO STREAM ATTRIBUTE OF VMGM	8
268-323	RESERVED	RESERVED	56
324-339	RESERVED	RESERVED	16
340-341	VMGM_SPST_Ns	NUMBER OF SUB-PICTURE STREAMS OF VMGM	2
342-347	VMGM_SPST_ATR	SUB-PICTURE STREAM ATTRIBUTE OF VMGM	6
348-1023	RESERVED	RESERVED	676
1024-2291 (MAX)	FP_PGCI	FIRST PLAY PGCI	0 OR 236-268

FIG. 15

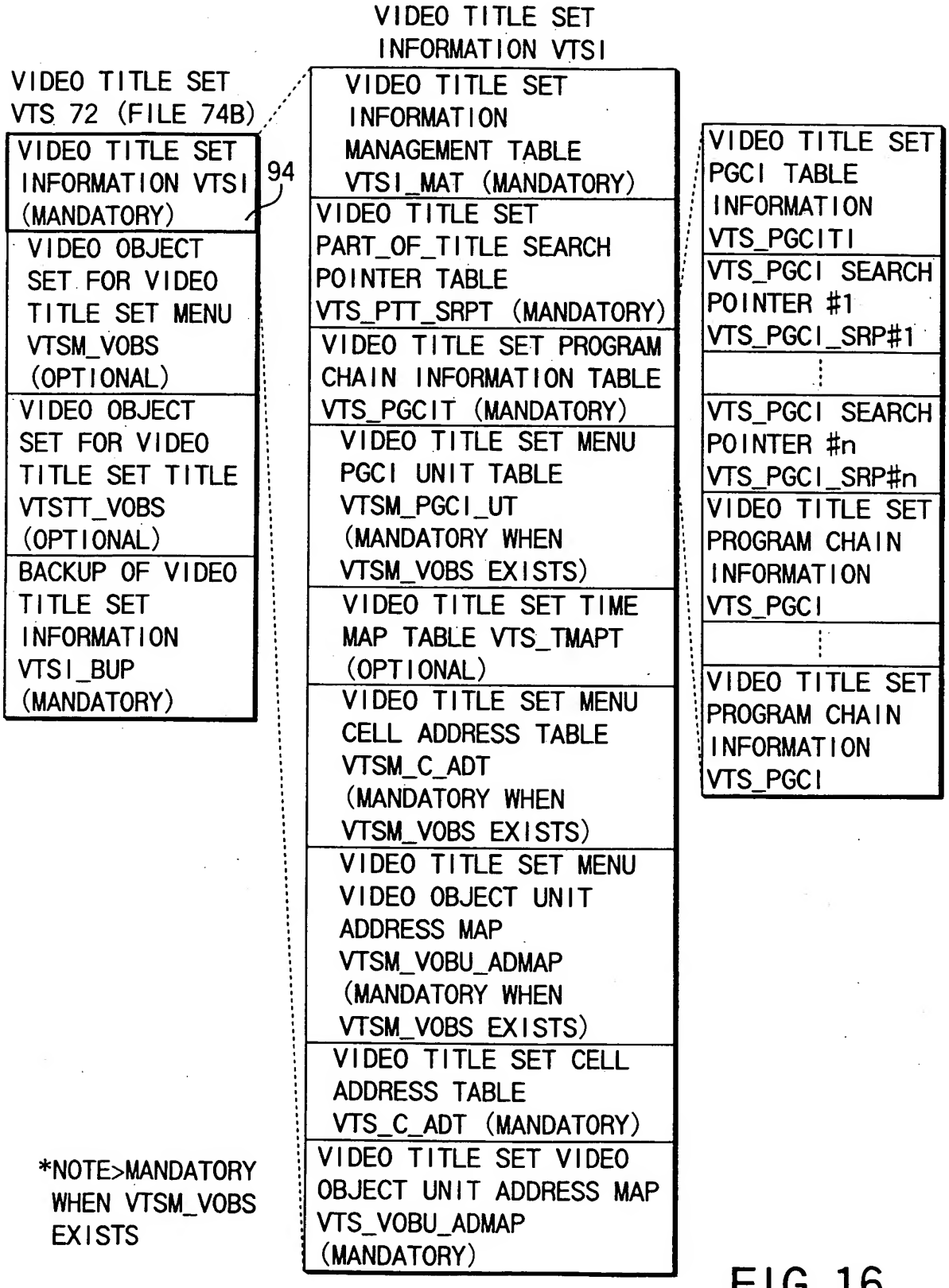
VIDEO TITLE SET
VTS 72 (FILE 74B)
VIDEO TITLE SET INFORMATION VTSI (MANDATORY)
94
VIDEO OBJECT SET FOR VIDEO TITLE SET MENU VTSM_VOBS (OPTIONAL)
VIDEO OBJECT SET FOR VIDEO TITLE SET TITLE VTSTT_VOBS (OPTIONAL)
BACKUP OF VIDEO TITLE SET INFORMATION VTSI_BUP (MANDATORY)
*NOTE>MANDATORY WHEN VTSM_VOBS EXISTS
VIDEO TITLE SET INFORMATION VTSI
VIDEO TITLE SET INFORMATION MANAGEMENT TABLE VTSI_MAT (MANDATORY)
VIDEO TITLE SET PART_OF_TITLE SEARCH POINTER TABLE VTS_PTT_SRPT (MANDATORY)
VIDEO TITLE SET PROGRAM CHAIN INFORMATION TABLE VTS_PGCIT (MANDATORY)
VIDEO TITLE SET MENU PGCI UNIT TABLE VTSM_PGCI_UT (MANDATORY WHEN VTSM_VOBS EXISTS)
VIDEO TITLE SET TIME MAP TABLE VTS_TMAPT (OPTIONAL)
VIDEO TITLE SET MENU CELL ADDRESS TABLE VTSM_C_ADT (MANDATORY WHEN VTSM_VOBS EXISTS)
VIDEO TITLE SET MENU VIDEO OBJECT UNIT ADDRESS MAP VTSM_VOBU_ADMAP (MANDATORY WHEN VTSM_VOBS EXISTS)
VIDEO TITLE SET CELL ADDRESS TABLE VTS_C_ADT (MANDATORY)
VIDEO TITLE SET VIDEO OBJECT UNIT ADDRESS MAP VTS_VOBU_ADMAP (MANDATORY)
VIDEO TITLE SET PGCI TABLE INFORMATION VTS_PGCITI
VTS_PGCI SEARCH POINTER #1 VTS_PGCI_SRP#1
VTS_PGCI SEARCH POINTER #n VTS_PGCI_SRP#n
VIDEO TITLE SET PROGRAM CHAIN INFORMATION VTS_PGCI
VIDEO TITLE SET PROGRAM CHAIN INFORMATION VTS_PGCI

FIG. 16

VIDEO TITLE SET INFORMATION MANAGEMENT TABLE VTSI_MAT

RBP	SYMBOL	CONTENTS	NUMBER OF BYTES
0-11	VTS_ID	VTS IDENTIFIER	12
12-15	VTS_EA	END ADDRESS OF VTS	4
16	PLAY_END Flag	0=NOT YET PLAYED BACK; 1=COMPLETELY PLAYED BACK	1
17	ARCHIVE Flag	0=FREE (ERASABLE); 1=KEEP (UNERASABLE)	1
18-27	RESERVED	RESERVED	10
28-31	VTSI_EA	END ADDRESS OF VTSI	4
32-33	VERN	VERSION OF DVD SPEC.	2
34-37	VTS_CAT	VTS CATEGORY	4
38-127	RESERVED	RESERVED	90
128-131	VTSI_MAT_EA	END ADDRESS OF VTSI_MAT	4
132-191	RESERVED	RESERVED	60
192-195	VTSM_VOBS_SA	START ADDRESS OF VTSM_VOBS	4
196-199	VTSTT_VOBS_SA	START ADDRESS OF VTSTT_VOBS	4
200-203	VTS_PTT_SRPT_SA	START ADDRESS OF VTS_PTT_SRPT	4
204-207	VTS_PGCIT_SA	START ADDRESS OF VTS_PGCIT	4
208-211	VTSM_PGCI_UT_SA	START ADDRESS OF VTSM_PGCI_UT	4
212-215	VTS_TMAPT_SA	START ADDRESS OF VTS_TMAPT	4
216-219	VTSM_C_ADT_SA	START ADDRESS OF VTSM_C_ADT	4
220-223	VTSM_VOBU_ADMAP_SA	START ADDRESS OF VTSM_VOBU_ADMAP	4
224-227	VTS_C_ADT_SA	START ADDRESS OF VTS_C_ADT	4
228-231	VTS_VOBU_ADMAP_SA	START ADDRESS OF VTS_VOBU_ADMAP	4
232-255	RESERVED	RESERVED	24
256-579	ATTRIBUTES OF VIDEO, AUDIO, SUP-PICTURE, ETC.		324
580-595	RESERVED	RESERVED	16
596-597	VTS_SPST_Ns	NUMBER OF SUB-PICTURE STREAMS OF VTS	2
598-789	VTS_SPST_ATRT	SUB-PICTURE STREAM ATTRIBUTE TABLE OF VTS	192
790-791	RESERVED	RESERVED	2
792-983	VTS_MU_AST_ATRT	MULTICHANNEL AUDIO STREAM ATTRIBUTE TABLE OF VTS	192
984-2047	RESERVED	RESERVED	1064

FIG. 17

PROGRAM CHAIN GENERAL INFORMATION PGC_GI

RBP	SYMBOL	CONTENTS	NUMBER OF BYTES
0–3	PGC_CNT	PGC CONTENTS	4
4–7	PGC_PB_TM	PGC PLAYBACK TIME	4
8–11	PGC_UOP_CTL	PGC USER OPERATION CONTROL	4
12–27	PGC_AST_CTLT	PGC AUDIO STREAM CONTROL TABLE	16
28–155	PGC_SPST_CTLT	PGC SUB-PICTURE STREAM CONTROL TABLE	128
156–163	PGC_NV_CTL	PGC NAVIGATION CONTROL	8
164–227	PGC_SP_PLT	PGC SUB-PICTURE PALETTE	4×16
228–229	PGC_CMDT_SA	START ADDRESS OF PGC_CMDT	2
230–231	PGC_PGMAP_SA	START ADDRESS OF PGC_PGMAP	2
232–233	C_PBIT_SA	START ADDRESS OF C_PBIT	2
234–235	C_POSIT_SA	START ADDRESS OF C_POSIT	2
			TOTAL 236 BYTES

FIG. 18

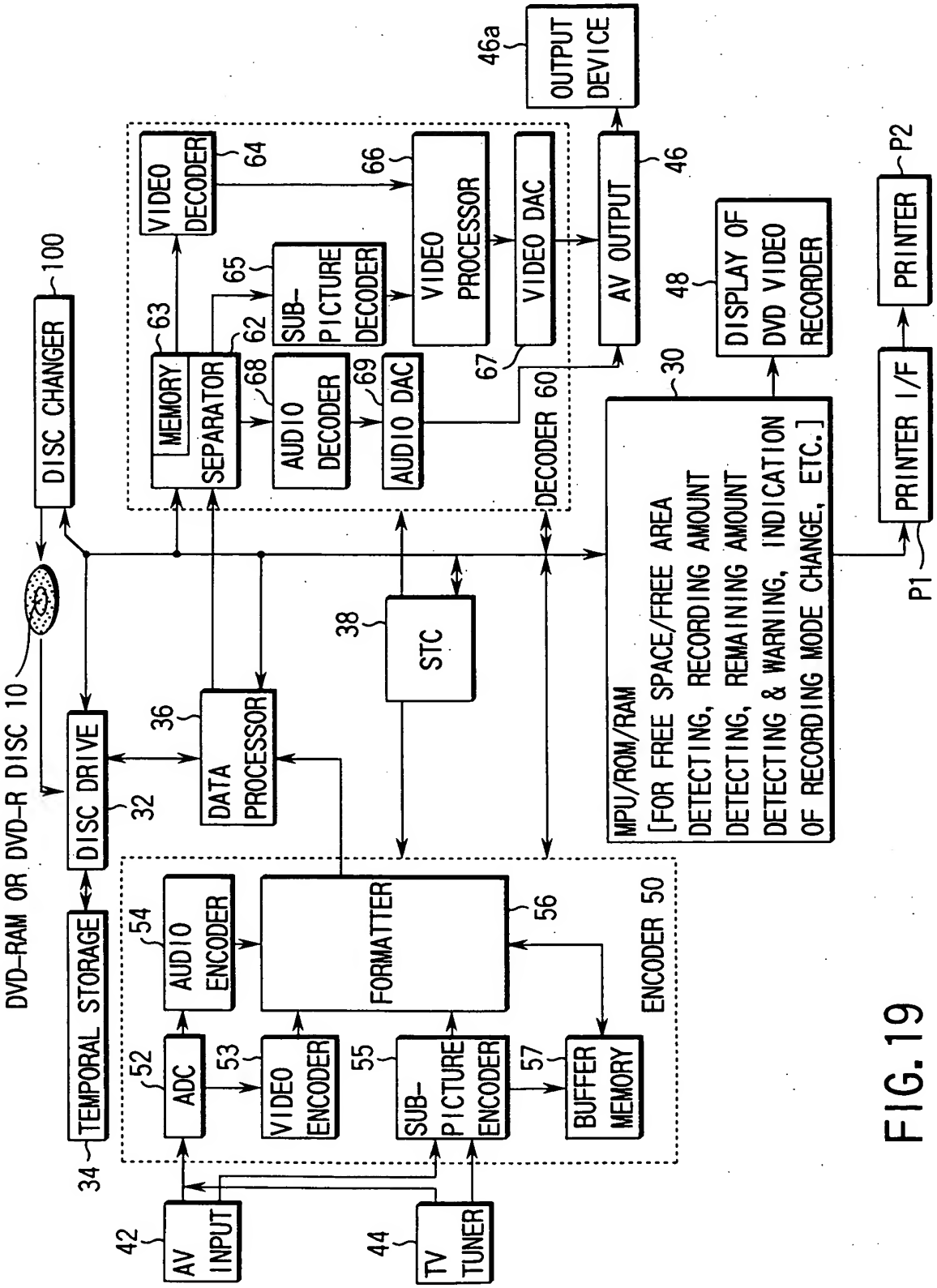
DVD-RAM OR DVD-R DISC 10
DISC CHANGER
100
DISC DRIVE
32
TEMPORAL STORAGE
34
DATA PROCESSOR
36
STC
38
DECODER 60
MEMORY
SEPARATOR
63
62
VIDEO DECODER
64
SUB-PICTURE DECODER
65
AUDIO DECODER
68
AUDIO DAC
69
VIDEO PROCESSOR
66
VIDEO DAC
67
AV OUTPUT
46
OUTPUT DEVICE
46a
ENCODER 50
AUDIO ENCODER
54
FORMATTER
56
ADC
52
VIDEO ENCODER
53
SUB-PICTURE ENCODER
55
BUFFER MEMORY
57
AV INPUT
42
TV TUNER
44
MPU/ROM/RAM
[FOR FREE SPACE/FREE AREA
DETECTING, RECORDING AMOUNT
DETECTING, REMAINING AMOUNT
DETECTING & WARNING, INDICATION
OF RECORDING MODE CHANGE, ETC.]
30
DISPLAY OF DVD VIDEO RECORDER
48
PRINTER I/F
P1
PRINTER
P2

FIG. 19

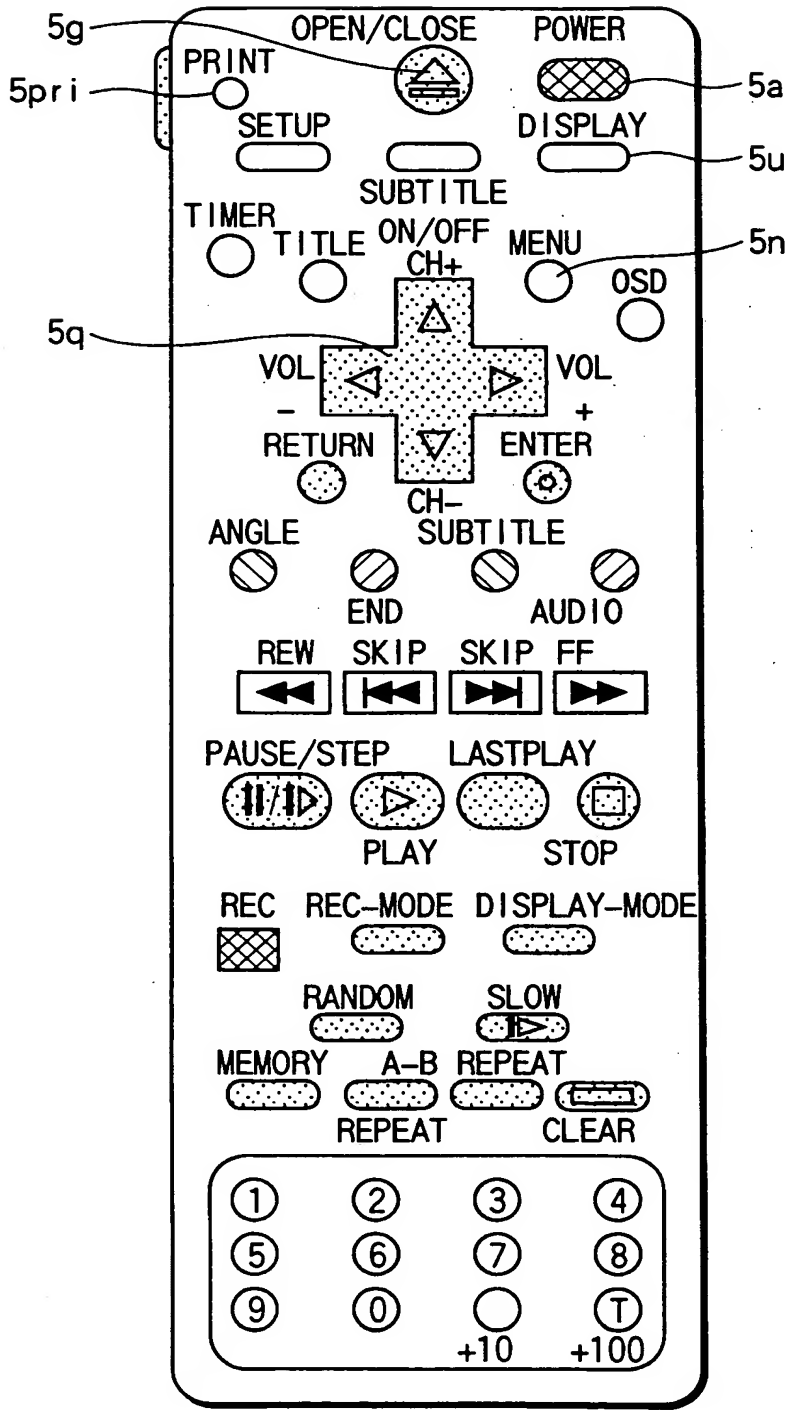
5g
OPEN/CLOSE
POWER
PRINT
5pri
5a
SETUP
DISPLAY
5u
SUBTITLE
TIMER
TITLE
ON/OFF
MENU
5n
CH+
OSD
5q
VOL
VOL
-
+
RETURN
ENTER
CH-
ANGLE
SUBTITLE
END
AUDIO
REW
SKIP
SKIP
FF
PAUSE/STEP
LASTPLAY
PLAY
STOP
REC
REC-MODE
DISPLAY-MODE
RANDOM
SLOW
MEMORY
A-B REPEAT
REPEAT
CLEAR
1
2
3
4
5
6
7
8
9
0
T
+10
+100

FIG. 20

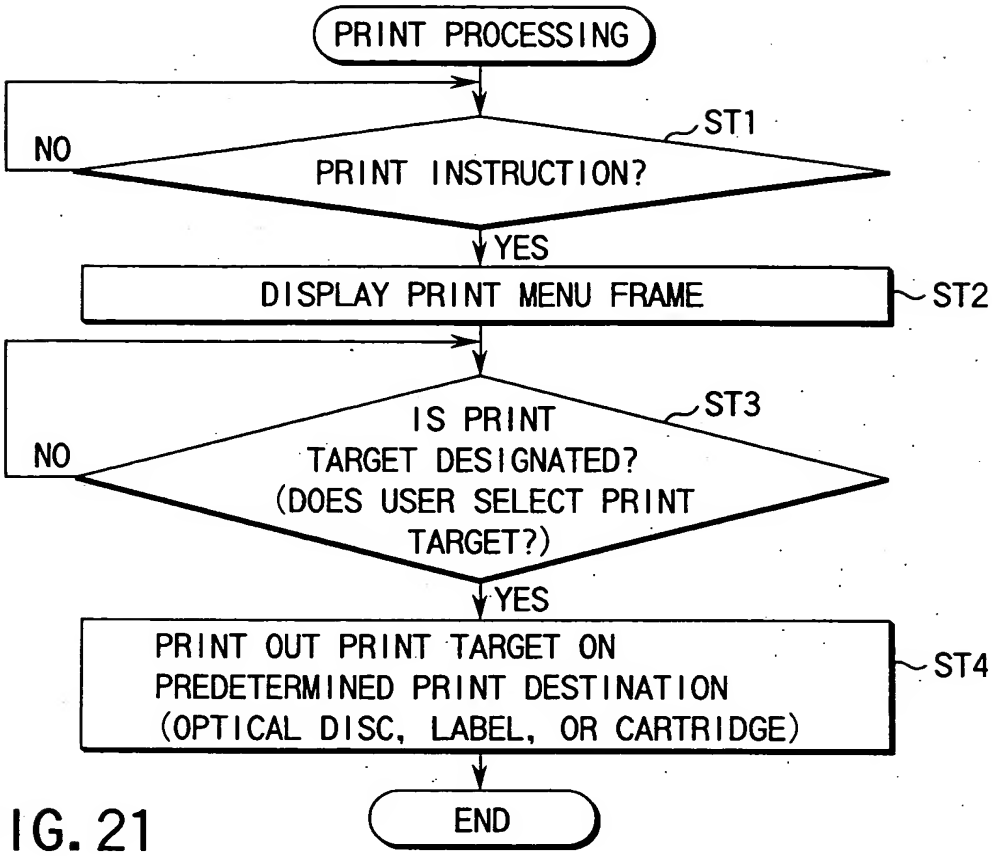
PRINT PROCESSING
ST1
NO
PRINT INSTRUCTION?
YES
DISPLAY PRINT MENU FRAME
ST2
ST3
IS PRINT TARGET DESIGNATED? (DOES USER SELECT PRINT TARGET?)
NO
YES
PRINT OUT PRINT TARGET ON PREDETERMINED PRINT DESTINATION (OPTICAL DISC, LABEL, OR CARTRIDGE)
ST4
END

FIG. 21

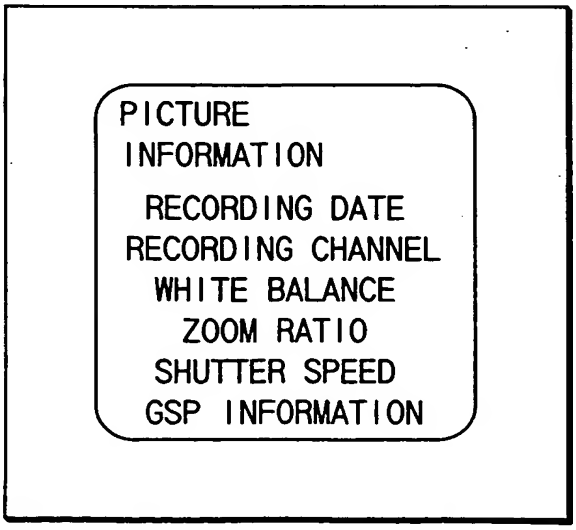
PICTURE INFORMATION
RECORDING DATE
RECORDING CHANNEL
WHITE BALANCE
ZOOM RATIO
SHUTTER SPEED
GSP INFORMATION

FIG. 22

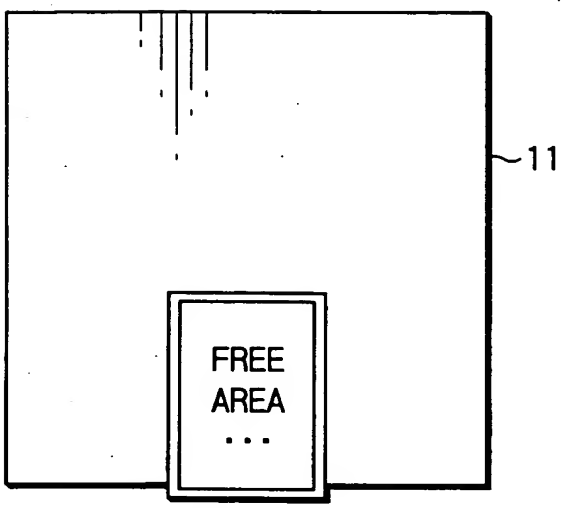

FIG. 23A

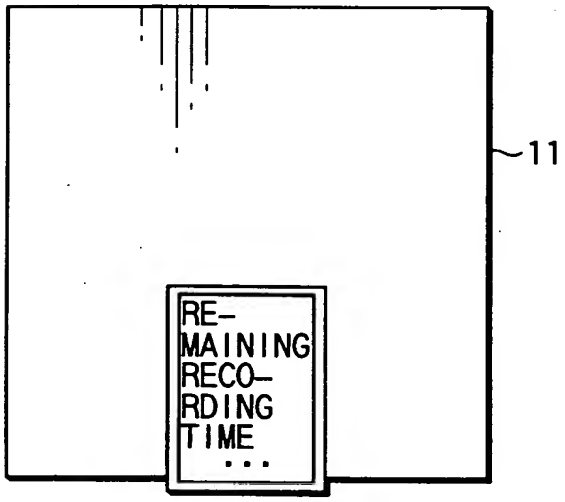

FIG. 23B

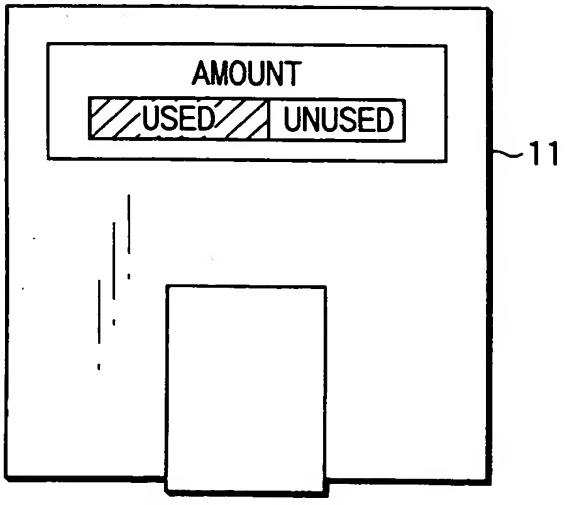

FIG. 23C

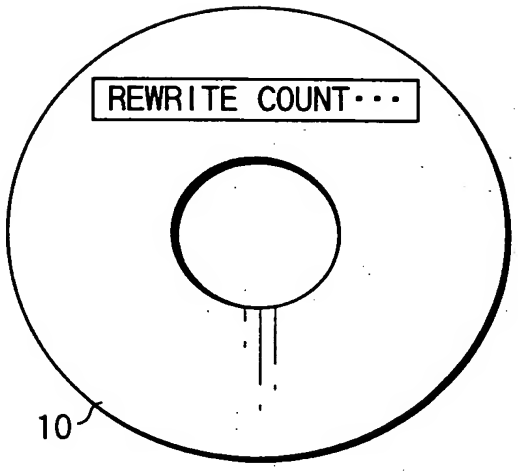

FIG. 24A

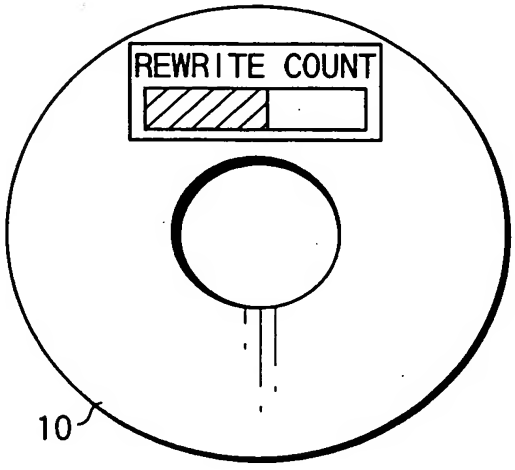

FIG. 24B

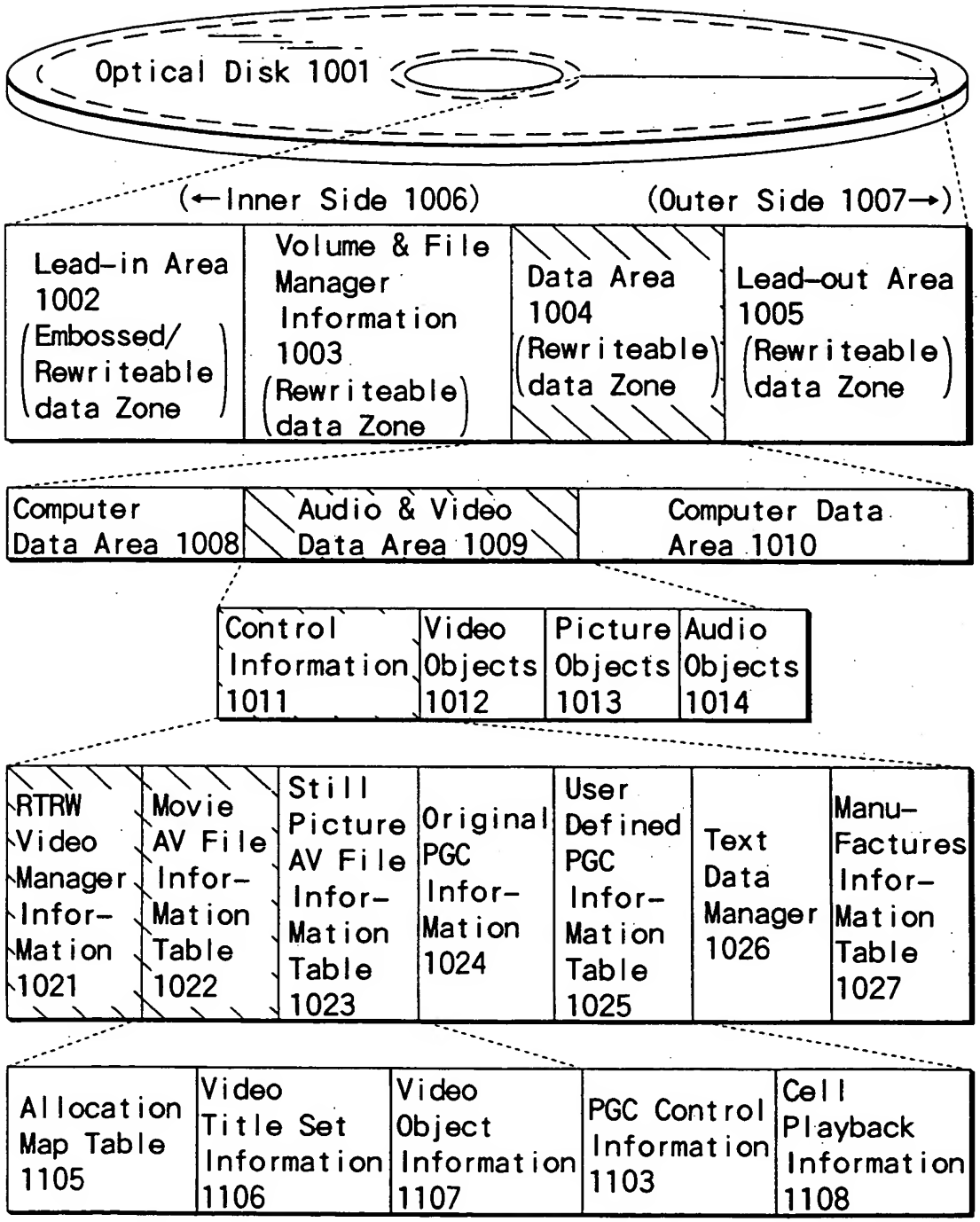
Optical Disk 1001
(←Inner Side 1006)
(Outer Side 1007→)
Lead-in Area 1002 (Embossed/ Rewriteable data Zone)
Volume & File Manager Information 1003 (Rewriteable data Zone)
Data Area 1004 (Rewriteable data Zone)
Lead-out Area 1005 (Rewriteable data Zone)
Computer Data Area 1008
Audio & Video Data Area 1009
Computer Data Area 1010
Control Information 1011
Video Objects 1012
Picture Objects 1013
Audio Objects 1014
RTRW Video Manager Information 1021
Movie AV File Information Table 1022
Still Picture AV File Information Table 1023
Original PGC Information 1024
User Defined PGC Information Table 1025
Text Data Manager 1026
Manufactures Information Table 1027
Allocation Map Table 1105
Video Title Set Information 1106
Video Object Information 1107
PGC Control Information 1103
Cell Playback Information 1108

FIG. 25

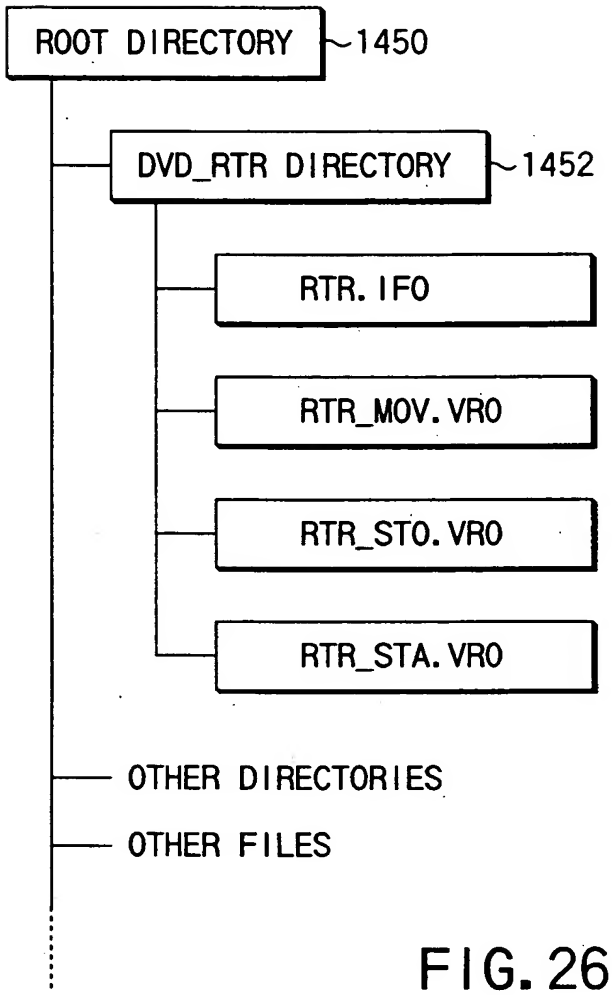

FIG. 26

AV FILE 1401																							
VOB #3 1463				VOB #1 1461				VOB #3 1464			VOB #2 1462			UN-RECORDED AREA 1460			VOB #3 1465					
EXTENT #γ 1473				EXTENT #α 1471				EXTENT #δ 1474			EXTENT #β 1472			EXTENT #ζ 1470			EXTENT #ε 1475					
LSN a+1	LSN a+2	…	LSN b	LSN b+1	LSN b+2	…	LSN c	LSN c+1	…	LSN d	LSN d+1	…	LSN e	LSN e+1	…	LSN f	LSN f+1	…	LSN g				

← LSN (LOGICAL SECTOR NUMBER) SMALL (TOWARD INNER SIDE ON OPTICAL DISK 1001)

LSN LARGE → (TOWARD OUTER SIDE ON OPTICAL DISK 1001)

FIG. 28

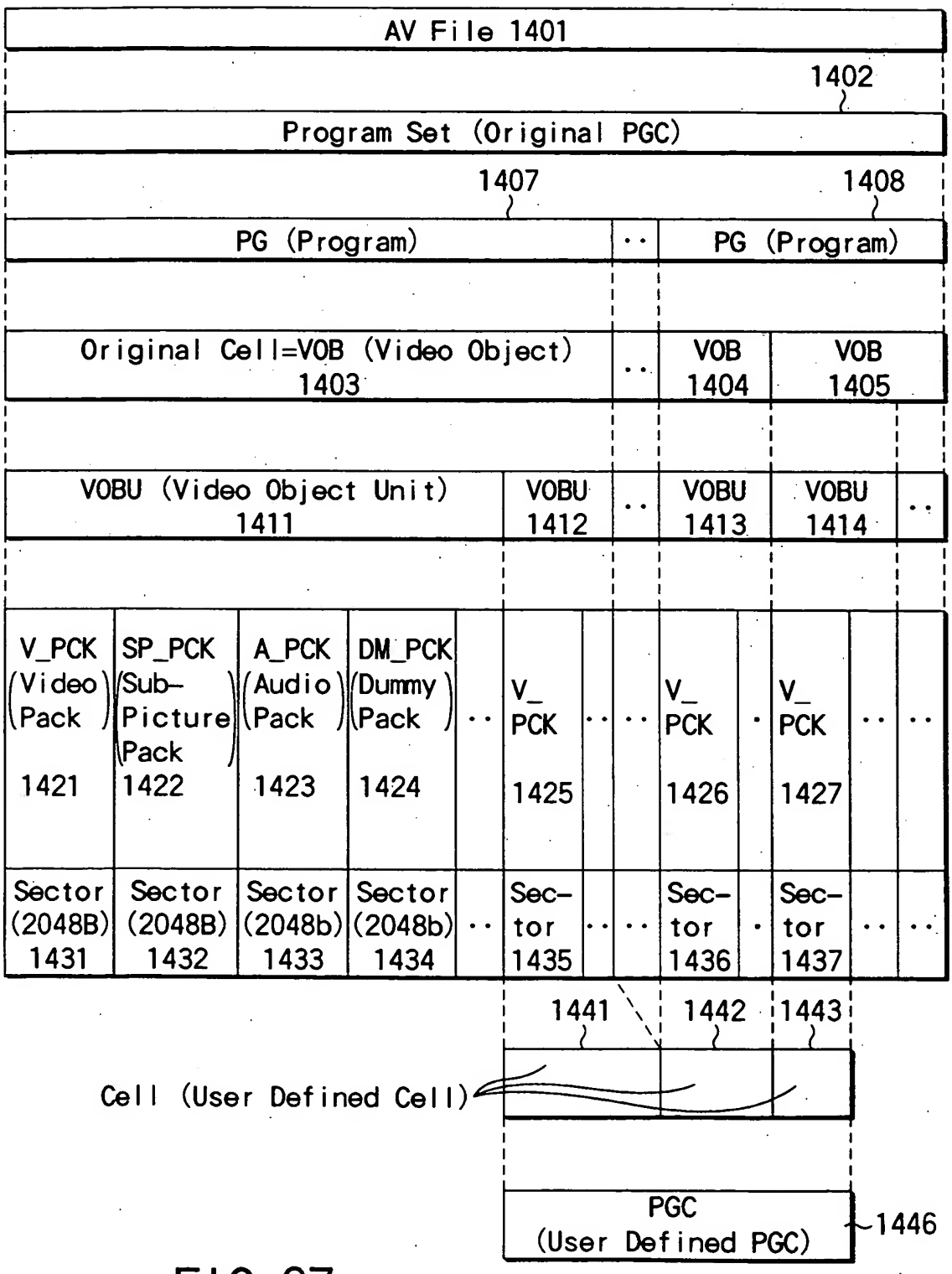
AV File 1401
1402
Program Set (Original PGC)
1407
1408
PG (Program)
PG (Program)
Original Cell=VOB (Video Object) 1403
VOB 1404
VOB 1405
VOBU (Video Object Unit) 1411
VOBU 1412
VOBU 1413
VOBU 1414
V_PCK (Video Pack) 1421
SP_PCK (Sub-Picture Pack) 1422
A_PCK (Audio Pack) 1423
DM_PCK (Dummy Pack) 1424
V_PCK 1425
V_PCK 1426
V_PCK 1427
Sector (2048B) 1431
Sector (2048B) 1432
Sector (2048b) 1433
Sector (2048b) 1434
Sector 1435
Sector 1436
Sector 1437
1441
1442
1443
Cell (User Defined Cell)
PGC (User Defined PGC)
1446

FIG. 27

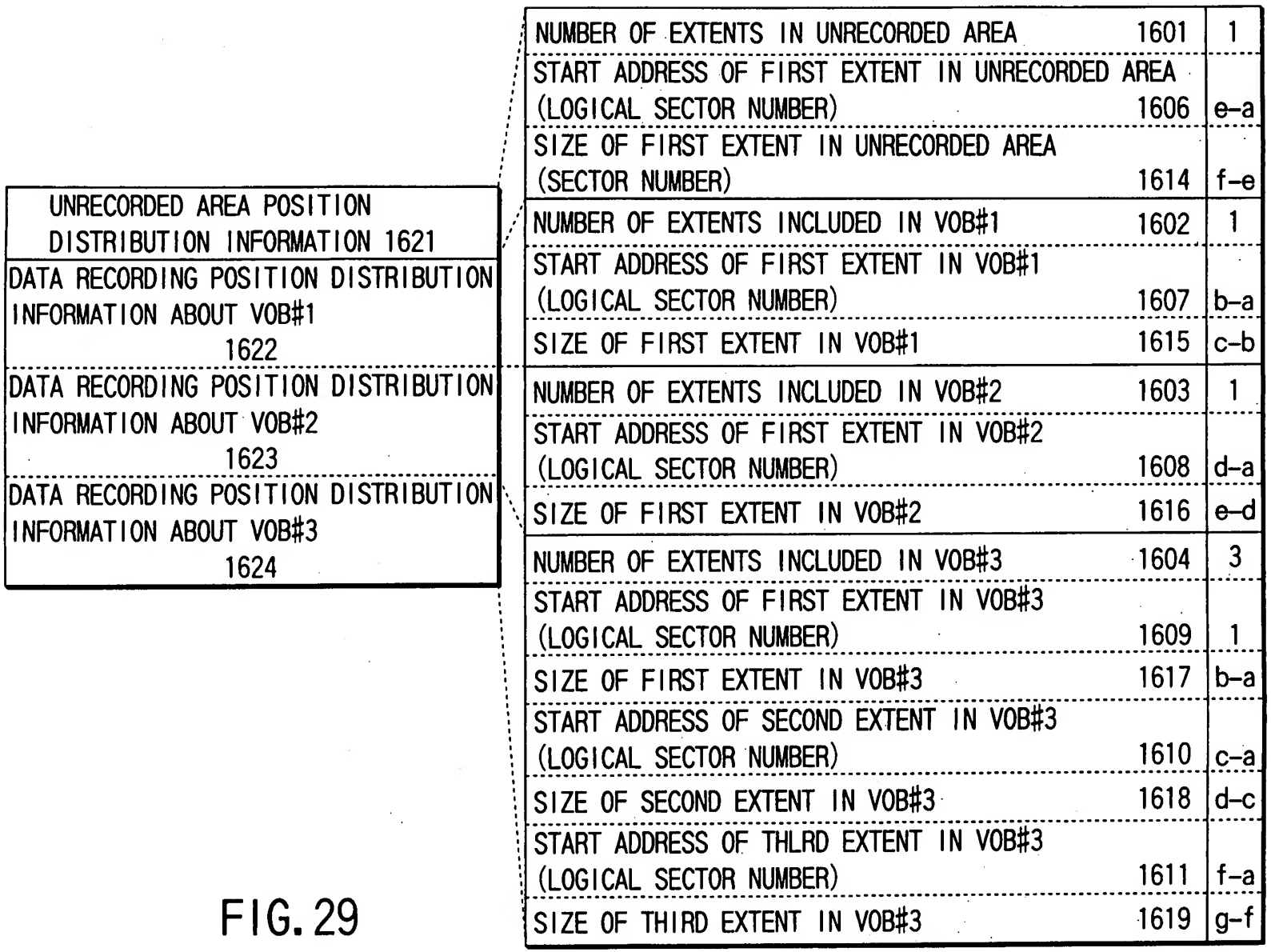

FIG. 29

RTRW Video Manager Information (RTRW_VMGI) — 1021

- Video Manager Information Management Table (VMGI_MAT)
- Play List Pointer Table (PL_LPT)

RBP	Field Name	Contents	Number of bytes
0 to 11	VMG_ID	VMG Identifier	12 bytes
12 to 15	RTR_VMG_EA	End address of RTR_VMG	4 bytes
16 to 27	reserved	reserved	12 bytes
28 to 31	VMGI_EA	End address of VMGI	4 bytes
32 to 33	VERN	Version number of DVD Specifications for Video Recording	2 bytes
34 to 127	reserved	reserved	94bytes
128 to 129	TM_ZONE	Time Zone	2 bytes
130 to 131	STILL_TM	Still Time for Still Pictures	2 bytes
132 to 133	CHRS	Character Set Code for Primary Text	2 bytes
134 to 148	RSM_MRKI	Resume Marker Information	15 bytes
149 to 163	REP_PICTI	Disc Representative Picture Information	15 bytes
164 to 191	reserved	reserved	28 bytes
192 to 195	M_AVFIT_SA	Start Address of M_AVFIT	4 bytes
196 to 199	S_AVFIT_SA	Start Address of S_AVFIT	4 bytes
200 to 207	reserved	reserved	8 bytes
208 to 211	ORG_PGCI_SA	Start Address of ORG_PGCI	4 bytes
212 to 215	UD_PGCIT_SA	Start Address of UD_PGCI	4 bytes
216 to 219	TXTDT_MG_SA	Start Address of TXTDT_MG	4 bytes
220 to 223	MNFIT_SA	Start Address of MNFIT	4 bytes
224 to 511	reserved	reserved	288 bytes
Total			512 bytes

RBP	Field Name	Contents	Number of bytes
149	PGCN	PGC number	1 byte
150	PGN	PG number	1 byte
151 to 152	CN	Cell number	2 bytes
153 to 158	PICT_PT	Picture Point	6 bytes
159 to 163	CREAT_TM	Time when this Disc Representative Picture was made	5 bytes
Total			15 bytes

FIG. 30

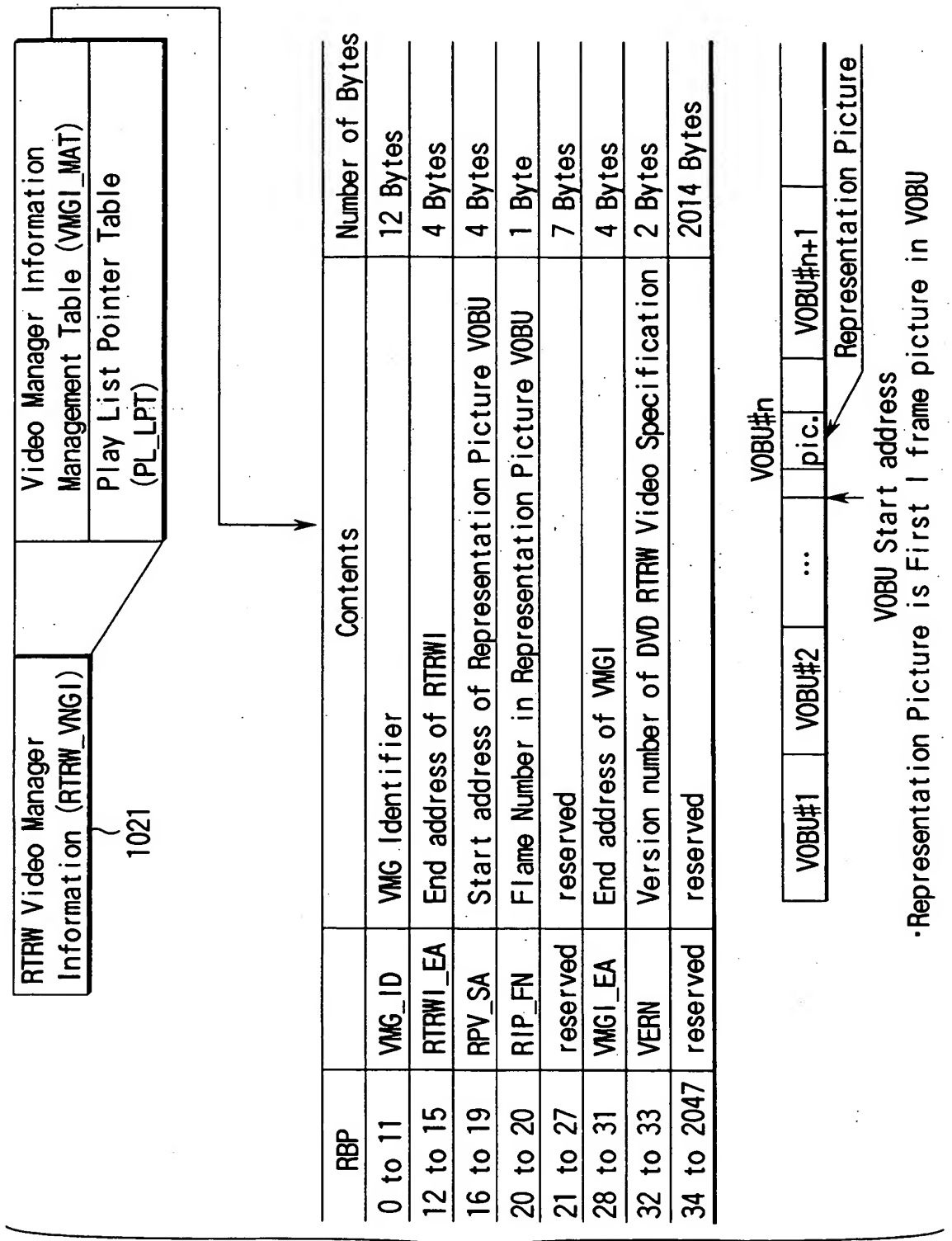
RTRW Video Manager Information (RTRW_VMGI)
1021
Video Manager Information Management Table (VMGI_MAT)
Play List Pointer Table (PL_LPT)
RBP
Contents
Number of Bytes
0 to 11
VMG_ID
VMG Identifier
12 Bytes
12 to 15
RTRWI_EA
End address of RTRWI
4 Bytes
16 to 19
RPV_SA
Start address of Representation Picture VOBU
4 Bytes
20 to 20
RIP_FN
Flame Number in Representation Picture VOBU
1 Byte
21 to 27
reserved
7 Bytes
28 to 31
VMGI_EA
End address of VMGI
4 Bytes
32 to 33
VERN
Version number of DVD RTRW Video Specification
2 Bytes
34 to 2047
reserved
2014 Bytes
VOBU#n
VOBU#1
VOBU#2
...
pic.
VOBU#n+1
Representation Picture
VOBU Start address
•Representation Picture is First I frame picture in VOBU

FIG. 31

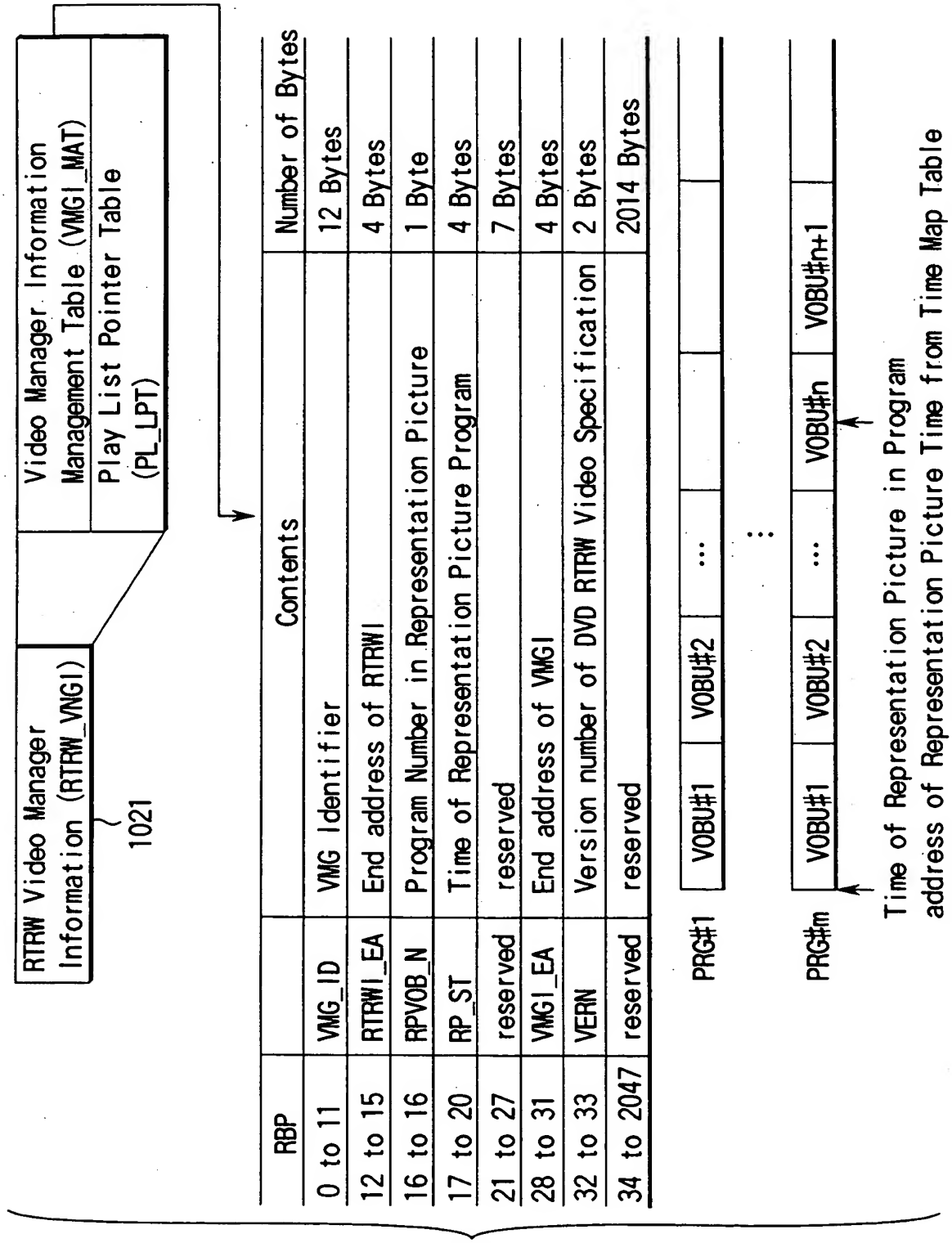
RTRW Video Manager Information (RTRW_VNGI)
1021
Video Manager Information Management Table (VMGI_MAT)
Play List Pointer Table (PL_LPT)
RBP
Contents
Number of Bytes
0 to 11
VMG_ID
VMG Identifier
12 Bytes
12 to 15
RTRWI_EA
End address of RTRWI
4 Bytes
16 to 16
RPVOB_N
Program Number in Representation Picture
1 Byte
17 to 20
RP_ST
Time of Representation Picture Program
4 Bytes
21 to 27
reserved
reserved
7 Bytes
28 to 31
VMGI_EA
End address of VMGI
4 Bytes
32 to 33
VERN
Version number of DVD RTRW Video Specification
2 Bytes
34 to 2047
reserved
reserved
2014 Bytes
PRG#1
VOBU#1
VOBU#2
...
PRG#m
VOBU#1
VOBU#2
...
VOBU#n
VOBU#n+1
Time of Representation Picture in Program
address of Representation Picture Time from Time Map Table

FIG. 32

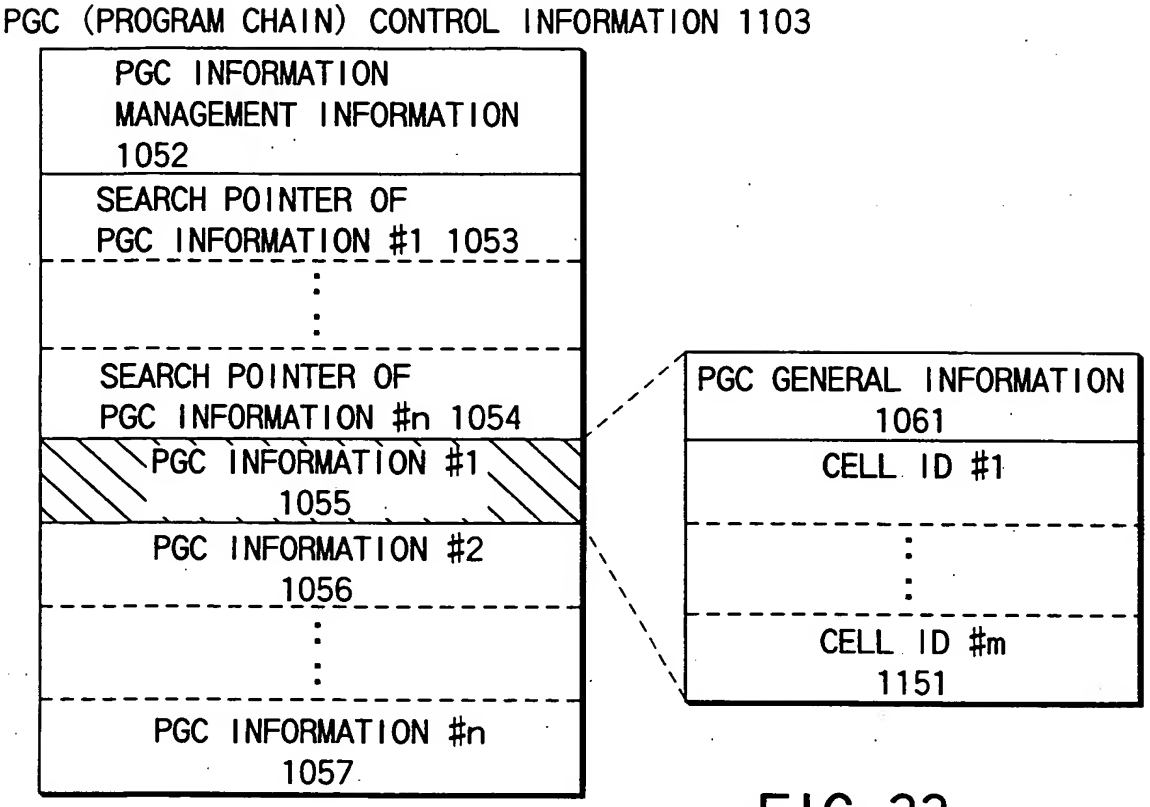
PGC (PROGRAM CHAIN) CONTROL INFORMATION 1103
PGC INFORMATION MANAGEMENT INFORMATION 1052
SEARCH POINTER OF PGC INFORMATION #1 1053
SEARCH POINTER OF PGC INFORMATION #n 1054
PGC INFORMATION #1 1055
PGC INFORMATION #2 1056
PGC INFORMATION #n 1057
PGC GENERAL INFORMATION 1061
CELL ID #1
CELL ID #m 1151

FIG. 33

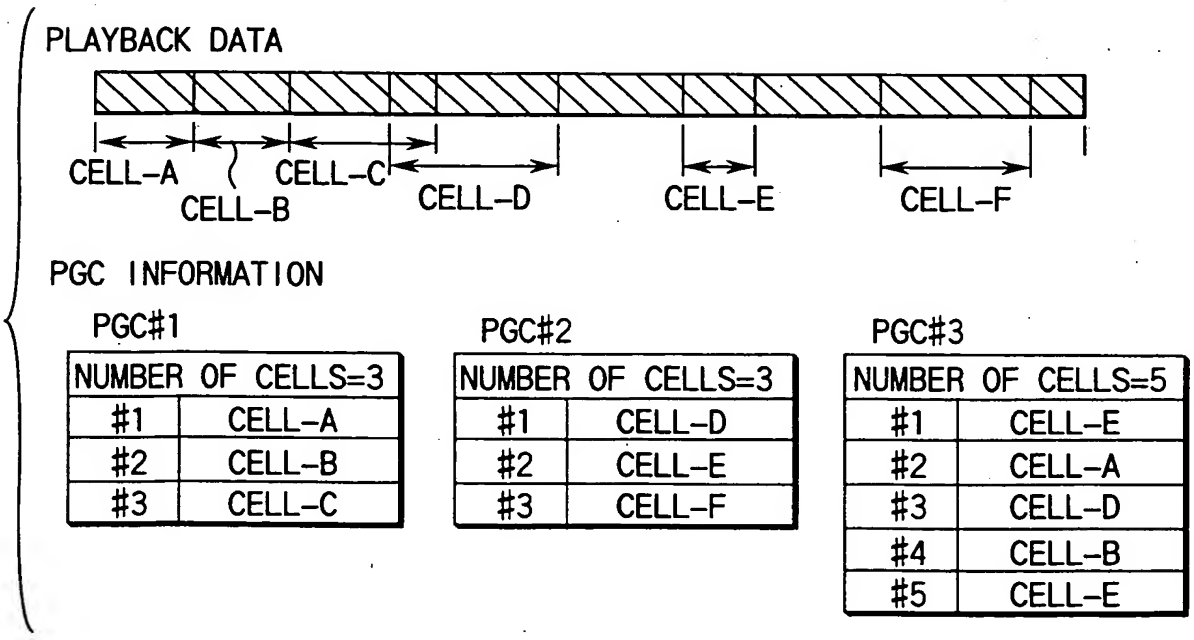
PLAYBACK DATA
CELL-A
CELL-B
CELL-C
CELL-D
CELL-E
CELL-F
PGC INFORMATION
PGC#1
NUMBER OF CELLS=3
#1 CELL-A
#2 CELL-B
#3 CELL-C
PGC#2
NUMBER OF CELLS=3
#1 CELL-D
#2 CELL-E
#3 CELL-F
PGC#3
NUMBER OF CELLS=5
#1 CELL-E
#2 CELL-A
#3 CELL-D
#4 CELL-B
#5 CELL-E

FIG. 34